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Page 1 of 6

FORM PTO 1449 (modified) DOCKET NO SERIAL NO 072121-0307 10/644.055 PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: November 14, 2003 APPLICANTS Wagman et al. FILING DATE GROUP August 19, 2003 Unassigned U.S. PATENT DOCUMENTS EXAMINER DOCUMENT DATE NAME CLASS SUBCLASS FILING DATE IF INITIAL NUMBER APPROPRIATE A1 5.073.492 Dec. 17, 1991 Chen et al. Von Der Saal et A2 5,414,088 May 9, 1995 АЗ 5.585.380 Dec. 17, 1996 Bianco et al. Α4 5,646,153 Jul. 8, 1997 Spada et al. A5 5,710,158 Jan. 20, 1998 Myers et al. A6 5,763,441 Jun. 9, 1998 App et al. A7 5.792.771 Aug. 11, 1998 App et al. A8 5.801.212 Sept. 1, 1998 Okamoto et al. A9 5.855.866 Jan. 5, 1999 Thorpe et al. Re 36.256 A10 Jul. 20, 1999 Spada et al. A11 5.942.385 Aug. 24, 1999 Hirth A12 5,981,569 Nov. 9, 1999 App et al.

Spada et al.

Cox et al.

Fraley et al.

Fraley et al.

Myers et al.

Fraley et al.

Fraley et al.

Renhowe et al.

Lohmann et al.

A13 6,057,320

A14 6,258,951

A15 6.303.600

A16 6.306.874

A18 Re 37.650

A19 6 420 382

A20 6.479.512

2002/0103230

6.313.138

A17

A21

May 2, 2000

Jul. 10, 2001

Oct. 16, 2001

Oct. 23, 2001

Nov. 6, 2001

Apr. 9, 2002

Jul 16 2002

Nov. 12, 2002

Aug. 1, 2002

	A22	2002/0107392	Aug. 8, 2002	Renhowe et al.			
	A23	2003/0028018	Feb. 6, 2003	Renhowe et al.			
	A24	6,605,617	Aug. 12, 2003	Renhowe et al.			
	A25	2003/0158224	Aug. 21, 2003	Renhowe et al.			
OIPE	ì		FOREIGN PA	ATENT DOCUMEN	TS		
MOV 1 7 2003	9	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
MADEMARK	A26	2363459 🗸	Jun. 26, 1975	Germany			
	A27	3634066	Apr. 21, 1988	Germany			
	A28	19841985	Mar. 9, 2000	Germany			
	A29	0 290 153	Nov. 9, 1998	Europe			
	A30	0 509 717	Apr. 10, 1992	Europe			
	A31	0 508 800	Oct. 14, 1992	Europe		-	-
	A32	0 747 771	Dec. 11, 1996	Europe			
	A33	0 797 376	Sept. 24, 1997	Europe			
	A34	1 086 705	Mar. 28, 2001	Europe			
	A35	6-9952	Jan. 18, 1994	Japan			
	A36	7-43896	Feb. 14, 1995	Japan			
	A37	8-29973	Feb. 2, 1996	Japan			
	A38	63-258903	Oct. 26, 1998	Japan			
	A39	92/18483	Oct. 29, 1992	wo			
	A40	92/20642	Nov. 26, 1992	wo			
	A41	95/15758	Jun. 15, 1995	wo			
	A42	95/18801	Jul. 13, 1995	wo			
	A43	97/03069	Jan. 30, 1997	wo		-	
	A44	97/34876	Sept. 25, 1997	wo			
	A45	97/48694	Dec. 24, 1997	wo			
	A45	98/13350 \	Apr. 2, 1998	wo			
	A47	99/10349 \/	Mar. 4, 1999	wo	 		

	A48	99/50263	Oct. 7, 1999	wo				
	A49	99/65897	Dec. 23, 1999	wo				
	A50	00/27379	May 18, 2000	wo				
******	A51	01/02369	Jan. 11, 2001	wo				
OIPE	A52	01/28993	Apr. 26, 2001	wo				
NOV 1 7 2003 나	A53	01/29025	Apr. 26, 2001	wo				
- 17 ZIII.	A54	01/52904	Jul. 26, 2001	Wo				
MADEMARK	A55	01/55114	Aug. 2, 2001	wo				
***	A56	01/62251	Aug. 30, 2001	wo				
	A57	01/62252	Aug. 30, 2001	wo				
	A58	02/18383	Mar. 7, 2002	wo				
	A59	02/22598	Mar. 21, 2002	wo				
	A50	02/32861	Apr. 25, 2002	wo				
	A61	03/004488	Jan. 16, 2003	wo				
	_	THER DOCUME	NT(S) (Including	Author, Title, Date	e. Pertinen	t Pages, Etc.)		
	A62		Aprelikova, O., et 5q33-qter1," Cano American Associa	al., "FLT4, a novel Cla cer Res., Vol. 52, pp. 7 tion for Cancer Resea United States of Amer	ss III Recep 46-748, Feb irch, Stanford	tor Tyrosine Kin ruary 1, 1992, p	ase in chromosome ublished by The	
	A63		Beals, C. R. et al., "Nuclear Export of NF-ATc Enhanced by Glycogen Synthase Kinase- 3." Science, Vol. 275, pp. 1930-1933, 28 March 1997. Brownlees, J. et al., "Tuel phosphorylation in transgenic mice expressing glycogen synthase kinase-3½ transgenes," NeuroReport, Vol. 8, No. 15, pp. 3251-3255, 20 October 1997; published by Rapid Science Publishers.					
	A64							
	A65		Chan, T. A. et al., "14-3-3o is required to prevent mitotic catastrophe after DNA damage," Nature, Vol. 401, pp. 616-620, 7 October 1999; published by Macmillan Magazines Ltd.					
	A66		Chen, G. et al., "The Mood-Stabilizing Agent Valproate Inhibits the Activity of Glycogen Synthase Kinase-3," <i>J. Neurochem.</i> , Vol. 72, No. 3, 1999, pp. 1327-1330; published by					
	A67		Lippincott Williams & Wilkins, Inc., Philadelphia. Chesi, M. et al., "Activated fibroblast growth factor receptor 3 is an oncogene that contributes to tumor progression in multiple myeloma," <i>Blood</i> , Vol. 97, No. 3, pp. 729-736,					
	A68		1 February 2001; published by The American Society of Hematology. Connolly, D., et al., "Human Vascular Permeability Factor," J. Biol. Chem., Vol. 264, pp. 20017-20024, 1999, published by The American Society For Biochemistry and Molecular Biology, Inc., Starford University Libraries" High Wire Press, Cellifornia, United States of					
	A69		America. Connolly, D., et al., "Tumor Vascular Permeability Factor Stimulates Endothelial Cell Growth and Angiogenesis," J. Clin. Invest., Vol. 84, pp. 1470-1478, November, 1989, published by The American Society for Clinical Investigation, Inc., Stanford University					
	A70		Libraries' High Wire Press, California, United States of America. Cross, A. E. et al., "The inhibition of glycopen synthase kinase-3 by insulin or insulin-like growth factor 1 in the rat skeletal muscle cell line L6 blocked by wortmannin, but not by repamycin: evidence that wortmannin blocks activation of the mitogen-activated protein kinase pathway in L6 cells between Ras and Raf," Biochem J., Vol. 303, pp. 21-26, 1994; forinted in Great Britain.					

OIPE	10644055 - GAU: 162
USSN 10/644,055	Page 4 of
A71E	b. DeVries, C., et al., "The fms-Like Tyrosine Kinase, a Receptor for Vascular Endothelial Growth Factor," Science, Vol. 255, pp. 989-991, February 21, 1992, published by The American Society for the Advancement of Science, Stanford University Libraries' High Wire Press, California, United States of America.
A72	Doukas, M. A. et al., "Effect of Lithium on Stem Cell and Stromal Cell Proliferation in vitro," Exp. Hematol., Vol. 14, pp. 215-221, 1986; published by International Society for Experimental Hematology.
A73	Ferrara, N., et al., "The Biology of Vascular Endothelial Growth Factor," Endocrinol. Rev., Vol. 18, No. 1, pp. 4-25, 1997, published by The Endocrine Society, Stanford University Libraries' High Wire Press, California, United States of America.
A74	Flückiger-Isler, R. E. et al., "Stimulation of rat liver glycogen synthesis by the adenosine kinase inhibitor 5-iodotubercidin," Biochem. J., Vol. 292, pp. 85-91, 1993; (printed in Great Britain).
A75	Folkman, J., "Fighting Cancer by Attacking Its Blood Supply," Scientific American, Vol. 275, pp. 150-154, September, 1996, published by Scientific American, Inc., New York, New York, United States of America.
A76	Hammond, W. P. et al., "Lithium Therapy of Canine Cyclic Hematopoiesis," Blood, Vol. 55, No. 1, pp. 26-28, January, 1980.
A77	Heinrich, M. C. et al., "Inhibition of KIT Tyrosine Kinase Activity: A Novel Molecular Approach to the Treatment of KIT-Positive Malignancies," <i>J. Clin. Oncol.</i> , Vol. 20, No. 6, pp. 1692-1703, March 15, 2002.
A78	Hennequin, L. F., et al., "Design and Structure — Activity Relationship of a New Class of Potent VEGF Receptor Tyrosine Kinase Inhibitors; J. J. Med. Chem., Vol. 42, No. 26, pp. 5369-5389, 1999; published by American Chemical Society, Washington, D.C.
A79	Hirao, A. et al., "DNA Damage-Induced Activation of p53 by the Checkpoint Kinase CHk2," Science, Vol. 287, pp. 1824-1827, 10 March 2000.
A80	Klein, P. S. et al., "A molecular mechanism for the effect of lithium on development," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 93, pp. 8455-8459, August 1996.
A81	Lee, J. et al., "Positive Regulation of Wee1 by Chk1 and 14-3-3 Proteins," Molecular Biology of the Cell, Vol. 12, pp. 551-563, March 2001; published by The American Society for Cell Biology.
A82	Leung, D., et al., "Vascular Endothelial Growth Factor is a Secreted Anglogenic Mitogen," Science, Vol. 246, pp. 1306-1309, December 8, 1989, published by The American Society for the Advancement of Science, Stanford University Libraries' High Wire Press, California, United States of America.
A83	Levis, M. et al., "A FLT3-targeted tyrosine kinase inhibitor is cytotoxic to leukemia cells in vitro and in vivo," <i>Blood</i> , Vol. 99, No. 11, pp. 3885-3891, 1 June 2002; published by the American Society of Hematology.
A84	Liu, Q. et al., "Chk1 is an essential kinase that is regulated by Atr and required for the G ₂ /M DNA damage checkpoint," Genes & Development, Vol. 14, 2000, pp. 1448-1459;
	published by Cold Springs Harbor Laboratory Press.
A85	Lopez-Girona, A et al., "Nuclear localization of Cdc25 is regulated by DNA damage and a 14-3-3 protein," Nature, Vol. 397, pp. 172-175, 14 January 1999; published by Macmillan Magazines Ltd.
A86	Lovestone, S. et al., "Alzheimer's disease-like phosphorylation of the microtubule- associated protein tau by glycogen synthase kinase-3 in transfected mammalian cells," Current Biology, Vol. 4, pp. 1077-1086, 1 December 1994; published by Elsevier Science Ltd.
A87	Lymboussaki, A., "Vascular endothelial growth factors and their receptors in embryos, adults, and in tumors," Academic Dissertation, University of Helsinki, Molecular/Cancer Biology Laboratory and Department of Pathology, Haartman Institute, 1999.
A88 V	Maguire, M.P., et al., "A New Series of PDGF Receptor Tyrosine Kinase Inhibitors: 3- Substituted Quinoline Derivatives," <i>J. Med. Chem.</i> , Vol. 37, No. 14, pp. 2129-2137, 1994; published by American Chemical Society, Washington, D.C.
A89	Massillon, D. et al., "Identification of the glycogenic compound 5-iodotubercidin as a general protein kinase inhibitor," <i>Biochem. J.</i> , Vol. 299, pp. 123-128, 1994; printed in Great Britain.
A90	Matei, S., et al., "Condensation of ethyl 2-benzimidazoleacetate with carbonyl compounds," Rev. Chim., Vol. 33, No. 6, pp. 527-530, 1989, published by the Central Institute of Chemistry, Bucharest, Romania.
A91	Mustonen, T., et al., "Endothelial Receptor Tyrosine Kinases Involved in Angiogenesis," J. Cell Biology, Vol. 129, No. 4, pp. 895-898, May, 1995, published by The Rockfeller University Press, New York, New York, United States of America.
A92	Nonaka, S. et al., "Chronic lithium treatment robustly protects neurons in the central

A93

norwas, J. Stain, "Union Linium Vertical Property protects require the receptor-mediated calcium influx," *Proc. Natl. Acad. Sci. USA*, Vol. 95, pp. 2642-2647, March 1998. Parker, I. L. et al., "Inactivation of the p34-dot-2-Cyclin B Complex by the Human WEE1 Tyrosine Kinase," *Science*, Vol. 257, pp. 1955-1957, 25 September 1992.

USSN 10/644,055

B. WU	7 2003 Pag	e o
A940	Pei, JJ. et al., "Distribution, Levels, and Activity of Glycogen Synthase Kinase-3 in th Alzheimer Disease Brain," Journal of Neuropathology and Experimental Neurology," V 56, No. 1, pp. 70-78, January, 1997; published by the American Association of Neuropathologists.	
A95	Peng, CY. et al., 'Mitotic and G ₂ Checkpoint Control: Regulation of 14-3-3 Protein Binding by Phosphorylation of Cdc25C on Serine-216," <i>Science</i> , Vol. 277, pp. 1501-15 5 September 1997.	505,
A96	Piouet, J., et al., "isolation and characterization of a newly identified endothelial cell mitogen produced by AtT-20 cells," <i>EMBO J.</i> , Vol. 8, No. 12, pp. 3801-3806, 1989, published by IRL Press.	
A97	Quinn, T., et al., "Fetal liver kinase 1 is a receptor for vascular endothelial growth facts and is selectively expressed in vascular endothelium," <i>Proc. Natl. Acad. Sci. USA</i> , Vol pp. 7533-7537, August, 1993.	
A98	Saito, Y. et al., "The mechanism by which epidermal growth factor inhibits glycogen synthase kinase 3 in A431 cells," <i>Biochem. J.</i> , Vol. 303, pp. 27-31, 1994; printed in Gr Britain.	eat
A99	Sanchez, Y. et al., "Conservation of the Chk1 Checkpoint Pathway in Mammals: Link: of DNA Damage to CdR Regulation Through Cdc25," Science, Vol. 277, pp. 1497-150 September 1997.	
A100	Shibuya, M., et al., "Nucleotide sequence and expression of a novel human receptor-tyrosine kinase gene (filt) closely related to the fins family," Oncogene, Vol. 5, pp. 519-1990, published by Macmillan Press Ltd., Stockton Press Company, Great Britalu	
A101	Smoitch, B.D. et al., "The antiangiogenic protein kinase inhibitors \$U\$416 and \$U\$656 inhibit the SCF receptor (c-kit) in a human myeloid leukemia cell line and in acute mye leukemia blasts," <i>Blood</i> , Vol. 97, No. 5, pp. 1413-1421, 1 March 2001; published by TI American Society of Hematology.	loid
A102	Stambolic, V. et al., "Lithium inhibits glycogen synthase kinase-3 activity and mimics Wingless signaling in intact cells," <i>Current Biology</i> , Vol. 6, No. 12, pp. 1664-1668, 199 published by Current Biology Ltd. ISSN 0960-9822.	6;
A103	Stover, D. R., "Recent advances in protein kinase inhibition: Current molecular scaffol used for inhibitor synthesis," <i>Current Opinion in Drug Discovery & Development</i> , Vol. 3 No. 4, pp. 274-285, 1999; published by PharmaPress Ltd., London, United Kingdom.	
A104	Sun, T-Q. et al., "PAR-1 is a Dishevelled-associated kinase and a positive regulator of Wnt signalling," <i>Nature Cell Biology</i> , Vol. 3, pp. 628-636, July 2001; published by Macmillan Magazines Ltd.	•
A105	Takashima, A. et al., "tau protein kinase I is essential for amyloid β-protein-induced neurotoxicity," Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 7789-7793, August 1993.	
A106	Takashima, A. et al., "Presenilin 1 associates with glycogen synthase kinase-3 <i>g</i> and it substrate tau," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95, pp. 9637-9641, August 1998; published by The National Academy of Sciences.	
A107	Terman, B., et al., "Identification of a new endothelial cell growth factor receptor tyrosi kinase," Oncogene, Vol. 6, pp. 1677-1683, 1991, published by Macmillan Press Ltd., Stockton Press Company, Great Britain.	ne
A108	Thomas, M.D., R. J. et al., "Progress in Geriatrics: Excitatory Amino Acids in Health a Disease," J. of the American Geriatrics Society," Vol. 43, No. 11, November 1995; published by American Geriatrics Society.	nd
A109	Ukrainets, I., "Effective Synthesis of 3-(Benzimidazol-2-yl)-4-Hydroxy-2-Oxo-1,2- Dihydroquinolines," <i>Tet. Lett.</i> , Vol. 36, No. 42, pp. 7747-7748, 1995, published by Else Science Ltd., Great Britain.	evie
A110	Ukrainets, I., et al., "2-Carbethoxymethyl-4H-3, 1-Benzoxazin-4-One, 3 'Condensation o-Phenylenediamine", pp. 198-200, translated from <i>Khimiya Geterotsikithosekikh Soe</i> , No. 2, pp. 239-241, February, 1992, published by Plenum Publ. Corp., London, Great Britain.	dinii,
A111	Ukrainets, I., et al., "4-Hydroxy-2-Quinolones 7." Synthesis and Biological Properties C R-3-(2-Penzimidaculy)4-Hydroxy-2-Quinolones, pp. 92-94, translated from <i>Khimiya</i> Geterotsiki/cheskikh/Soedinil, No. 1, pp. 105-108, January, 1993, published by Plenun Publ. Corn. London, Great Britan	
A112	Ukrainets, I., et al., "4-Hydroxy-2-Quinolones, 16." Condensation of N-R-Substituted Amides of 2-Carboxy-Malonaniik acid With o-Phenylenediamine", pp. 941-944, transi from Khimiya Geterotsiklicheskliki Soedinii, Vol. 8, pp. 1105-1108, August, 1993, published by Plenum Publ. Corn. London, Great Britain.	atec
A113	Utrainets 1, et al., "4-Hydroxy-2-Quinolones, 32." Synthesis and Antityroid Activity o Thio Analogs of 114-2OXO-34_2-Benzimidazoly)4-Hydroxy-Quinoline, "Chem. Heterocyclic Comp., Vol. 33, No. 5, pp. 600-604, 1997, published by Kluwer Academic Publishers. London, Great Britale."	
A114	Ullrich, A., et al., "Signal Transduction by Receptors with Tyrosine Kinase Activity," Ce Vol. 61, pp. 203-212, April 20, 1990, published by Cell Press, Cambridge, Massachus	ell,

Page 6 of 6

g '4403 '					
	van der Geer, P., et al., "Receptor Protein-Tyrosine Kinases and Their Signal Transduction Pathways," <i>Ann. Rev. Cell Biol.</i> , Vol. 10, pp. 251-337, 1994, published by Annual Reviews, Inc., Palo Alto, California, United States of America.				
16	Vogelstein, B. et al., "Surfing the p53 network," Nature, Vol. 408, pp. 307-310, 16 November 2000; published by Macmillan Magazines Ltd.				
17	Welsh, G. I. et al., "Glycogen synthase kinase-3 is rapidly inactivated in response to insulin and phosphorylates eukaryotic initiation factor elF-2B," <i>Biochem. J.</i> , Vol. 294, pp. 625-629, 1993; printed in Great Britain.				
8	Yamasaki, Y. et al., "Pioglitazone (AD-4833) Ameliorates Insulin Resistance in Patients with NIDDM," Tohoku J. Exp. Med., Vol. 183, pp. 173-183, 1997.				
A119 Zhao, H. et al., "ATR-Mediated Checkpoint Pathways Regulate Phosphorylation a Activation of Human Chk1," Molecular and Cellular Biology, Vol. 21, No. 13, pp. 4 July 2001; published by American Society for Microbiology.					
20	Zhang, Z. et al., "Destabilization of β-catenin by mutations in presenilin-1 potentiates neuronal apoptosis," <i>Nature</i> , Vol. 395, pp. 698-702, 15 October 1998; published by Macmillan Publishers Ltd.				
21	List of compounds purchased from various vendors (3 pages).				
22	CAS printout for 304876-79-7 Registry File, entry date into Registry File November 29, 2000.				
3	CAS printout for 300591-52-0 Registry File, entry date into Registry File October 31, 2000.				
Margaret Seaman	DATE CONSIDERED 09/25/2008				
1	16 17 18				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.